



JFW

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |                        |                    |
|---|------------------------|--------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/672,179         |
|   | Filing Date            | September 26, 2003 |
|   | First Named Inventor   | Cave et al.        |
|   | Art Unit               | 2661               |
|   | Examiner Name          | Chau T. Nguyen     |
| Total Number of Pages in This Submission  | Attorney Docket Number | I-2-0414.1US       |

| ENCLOSURES (Check all that apply)   |  |   |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form                                     | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition  | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application                    | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                | <input type="checkbox"/> Power of Attorney, Revocation                                       | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                | <input type="checkbox"/> Change of Correspondence Address                                    | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                              | <input type="checkbox"/> Terminal Disclaimer   |   |
| <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement | <input type="checkbox"/> Request for Refund  |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                   | <input type="checkbox"/> CD, Number of CD(s) _____   |   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application         | Remarks  |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53      | Form PTO-1449 w/ a copy of the Supplementary European Search Report and three (3) references |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                     |
|--|-------------------------------------|
| Firm or Individual name                    | Gerald B. Halt, Jr. Reg. No. 37,633 |
| Signature                                  | Volpe and Koenig, P.C.              |
| Date                                       | September 15, 2005                  |

| CERTIFICATE OF TRANSMISSION/MAILING  |                         |
|--|-------------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                         |
| Typed or printed name  | Gerald B. Halt, Jr.     |
| Signature  | Date September 15, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Cave et al.

**Application No.:** 10/672,179

Our File: I-2-0414.1US

**Confirmation No.:** 9858

Date: September 15, 2005

**Filed:** September 26, 2003

For: METHOD FOR PROVIDING FAST  
FEEDBACK INFORMATION FOR RANDOM  
ACCESS CHANNEL IN A WIRELESS  
COMMUNICATION SYSTEM

**Group:** 2661

**Examiner:** Chau T. Nguyen

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
INCLUDING RULE 1.704(d) STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (\*). Copies of the newly cited documents are enclosed.

Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included. Copies of previously cited documents are also not included.

Per Rule 1.704(d), the undersigned certifies that each new item of information


contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, copy enclosed, and that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his/her consideration of the cited materials.

Respectfully submitted,

Cave et al.

By

  
Gerald B. Halt, Jr.  
Registration No. 37,633  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

GBH/ks  
Enclosures (5)

|   |   |  |         |                                   |       |                          |                               |
|---|---|--|---------|-----------------------------------|-------|--------------------------|-------------------------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE       |   |  |         | ATTY. DOCKET NO.<br>I-2-0414.1US  |       | SERIAL NO.<br>10/672,179 |                               |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>(Use several sheets if necessary) |   |  |         | APPLICANT<br>Cave et al.          |       |                          |                               |
|   |   |  |         | FILING DATE<br>September 26, 2003 |       | GROUP<br>2661            |                               |
| U.S. PATENT DOCUMENTS   |   |  |         |                                   |       |                          |                               |
| EXAMINER<br>INITIAL   |   | DOCUMENT NUMBER  | DATE    | NAME                              | CLASS | SUBCLASS                 | FILING DATE IF<br>APPROPRIATE |
| /I.M./  |   | 5,166,929  | 11/1992 | Lo                                |       |                          |                               |
| /I.M./  |   | 5,276,911  | 01/1994 | Levine et al.                     |       |                          |                               |
| /I.M./  |   | 6,088,344  | 07/2000 | Wales et al.                      |       |                          |                               |
| /I.M./  |   | 6,128,504  | 10/2000 | Cicccone                          |       |                          |                               |
| /I.M./  |   | 6,577,618  | 06/2003 | Diachina et al.                   |       |                          |                               |
| /I.M./  |   | 2001/0024956   | 09/2001 | You et al.                        |       |                          |                               |
| /I.M./  | * | 2001/0038619   | 11/2001 | Baker et al.                      |       |                          |                               |
| /I.M./  | * | 2001/0053140   | 12/2001 | Choi et al.                       |       |                          |                               |
| /I.M./  |   | 2002/0089957   | 07/2002 | Viero                             |       |                          |                               |
| /I.M./  | * | 2002/0114294   | 08/2002 | Toskala et al.                    |       |                          |                               |
| FOREIGN PATENT DOCUMENTS  |   |  |         |                                   |       |                          |                               |
|   |   | DOCUMENT NUMBER  | DATE    | COUNTRY                           | CLASS | SUBCLASS                 | TRANSLATION<br>YES NO         |
| /I.M./  | * | 1 122 962  | 08/2001 | EP                                |       |                          |                               |
| /I.M./  | * | 01/10158   | 02/2001 | WO                                |       |                          |                               |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)                |   |  |         |                                   |       |                          |                               |
| /I.M./  |   | 3G TS 25.211. 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Channels and Mapping of Transport Channels Onto Physical Channels (FDD) (Release 1999), V3.2.0, March 2000. |         |                                   |       |                          |                               |
| /I.M./  | * | Chong, "WCDMA Physical Layer (Chapter 6)", <a href="http://www.comlab.hut.fi/opetus/238/lecture6_ch6.pdf">www.comlab.hut.fi/opetus/238/lecture6_ch6.pdf</a> , January 2002.  |         |                                   |       |                          |                               |
|   |   |  |         |                                   |       |                          |                               |

|                           |                               |
|---------------------------|-------------------------------|
| EXAMINER<br>/Inder Mehra/ | DATE CONSIDERED<br>04/11/2008 |
|---------------------------|-------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.